

APPENDIX OF PENDING CLAIMS

1. (Amended) A method for the treatment of metanephric tissue for transplantation into a recipient comprising contacting said metanephric tissue, in vitro, with a growth factor-containing composition comprising one or more growth factors for metanephric development and transplanting said metanephric tissue into said recipient.
4. The method of claim 1 wherein said metanephric tissue is contacted with said growth factor-containing composition for less than 8 hours.
5. The method of claim 1 wherein said metanephric tissue is contacted with said growth factor-containing composition for less than 2 hours.
7. A method for the treatment of metanephric tissue transplanted into a recipient comprising contacting said transplanted metanephric tissue with a growth factor-containing composition comprising one or more growth factors for metanephric development, wherein said growth factor-containing composition is administered to said transplanted metanephric tissue at the time a ureteroureterostomy is performed.
8. The method of claim 22 wherein said growth factor-containing composition is administered to said metanephric tissue by an osmotic pump.
9. The method of claim 22 wherein said growth factor-containing composition is administered to said recipient in a manner such that said one or more growth factors for metanephric development are present in said recipient's blood that circulates through said metanephric tissue.
17. The method of claim 1 or 7 wherein said growth factor-containing composition comprises vascular endothelial growth factor.
20. The method of claim 1 or 7 wherein said growth factor-containing composition comprises vitamin A.
22. A method for the treatment of metanephric tissue comprising contacting said metanephric tissue, in vivo, with a growth factor-containing composition comprising one or more growth factors for metanephric development at the time of or after being transplanted into said recipient.

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23. The method of claim 22 wherein said growth factor-containing composition comprises vascular endothelial growth factor.

24. The method of claim 22 wherein said growth factor-containing composition comprises vitamin A.